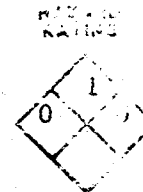




SHELL OIL COMPANY  
SHELL CHEMICAL COMPANY  
SHELL DEVELOPMENT COMPANY  
SHELL PIPE LINE CORPORATION

MSDS 5623-1

*DPM 317*



# MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I			
MANUFACTURER'S NAME <b>Shell Oil Company</b>		EMERGENCY TELEPHONE NO. <b>(713) 473-9461</b>	
ADDRESS (Number, Street, City, State, and ZIP Code) <b>One Shell Plaza, Houston, Texas 77002</b>			
CHEMICAL NAME AND SYNONYMS <b>Lubricating grease</b>		TRADE NAME <b>AEROSHELL (R) Grease 5</b>	
CHEMICAL FAMILY <b>Hydrocarbon</b>	FORMULA		Code <b>70025</b>

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD <sub>50</sub>		LC <sub>50</sub>	
			ORAL	DERMAL	CONCENTRATION	HOURS
PIGMENTS						
CATALYST						
VEHICLE						
SOLVENTS						
ADDITIVES						
OTHERS						
<b>AEROSHELL Grease 5 consists of a mineral oil, an inorganic thickener (a treated clay) and small amounts of oxidation and corrosion inhibitors.</b>						

SECTION III PHYSICAL DATA			
BOILING POINT (°F)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	
VAPOR PRESSURE (mmHg)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	<b>Insol.</b>		
APPEARANCE AND ODOR <b>Dark amber grease - slight odor</b>			

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) <b>Base oil has flash of 575°F, COC</b>	FLAMMABLE LIMITS <b>N.A.</b>	LeI	UeI
EXTINGUISHING MEDIA <b>Dry chemical type preferred</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>None special</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None special</b>			

MSDS 5623-1		SECTION V HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N.A.		
EFFECTS OF OVEREXPOSURE	Irritation to skin and eyes		
EMERGENCY AND FIRST AID PROCEDURES	Skin - remove product by wiping or by applying waterless hand cleaner, followed by washing with soap and water. Eyes - wash with water at least 15 minutes.		

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Oxygenates and carbon monoxide can be formed during combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Wipe up and absorb with clay, diatomaceous earth or other inert material.	
WASTE DISPOSAL METHOD	
Controlled burning in compliance with local regulation.	

SECTION VIII SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
None normally required.			
VENTILATION	LOCAL EXHAUST	Not normally needed	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES		Oil resistant	EYE PROTECTION
			Not normally needed
OTHER PROTECTIVE EQUIPMENT			

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid repeated or prolonged skin contact.	
OTHER PRECAUTIONS	

NAME H. Low, Staff Technologist  
 TITLE Regulatory Affairs-Chemical Products  
 COMPANY Shell Oil  
 SIGNATURE *H. Low*  
 DATE October, 1976

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXTENDED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.  
 VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE NEGLIGENCE OF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS SPECIFIED ON THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ADDITIONAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED. FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.